



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 37] नई दिल्ली, शनिवार, सितम्बर 13, 1969 (भाद्र 22, 1891)  
No. 37] NEW DELHI, SATURDAY, SEPTEMBER 13, 1969 (BHADRA 22, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 13th September 1969

##### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 24th May, 1969 in page 197, Column 2 under the heading 'Renewal fees paid' for No. 84147 read No. 84247.

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

23rd August 1969

- 122882. Sandoz Ltd. Azo compounds, their production and use.
- 122883. Sankyo Company Limited. Process for preparing benzodiazepine derivatives.
- 122884. The Cementation Company Limited. Improvements in or relating to a reamer bit. (13th December, 1968).
- 122885. D. Herbert and H. E. Wade. Improvements in or relating to enzyme production. (23rd August, 1968).
- 122886. H. E. Wade. Improvements in or relating to extraction processes. (23rd August, 1968).

25th August 1969

- 122887. Ranajit Kumar Sen Gupta. Cosmetic preparation.
- 122888. Siemens Aktiengesellschaft. Mosaic building block for display and/or control panels.
- 122889. Siemens Aktiengesellschaft. Surge arrestor.
- 122890. Siemens Aktiengesellschaft. A rotary circuit-breaker.
- 122891. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. New water-soluble monoazo dyestuffs and process for their manufacture.
- 122892. The Dunlop Company Limited. Improvements in and relating to cellular materials.

L237GI/69

- 122893. Halcon International, Inc. Process for preparing ethylene glycol esters.
- 122894. Halcon International, Inc. Process for preparing glycol type carboxylic acid esters.
- 122895. Kalidas Ganguli. A method of designing and manufacturing of plastic bead reflectors or reflectors to be used for reflecting and dispersing of light.
- 122896. Kalidas Ganguli. Production of a cold fusion PVC-emulsion for joining a PVC-body to another one and for coating of different articles without the application of heat.
- 122897. Ciba Limited. New water-insoluble azo-compounds and a process for their manufacture.
- 122898. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pyridoindole derivatives.
- 122899. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pyridoindole derivatives.
- 122900. Csepeli Kerekpar Es Varrogepgyar. Free whelling gear wheel.
- 122901. Morgardshammars Aktiebolag. Device for transferring rolled material from a rolling mill to a cooling bed.
- 122902. A. E. Staley Manufacturing Company. Process for producing dextrose.
- 122903. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. New water-soluble monoazo-dyestuffs and a process for preparing them.

26th August 1969

- 122904. A. R. Fernandez. Manufacturing spray-dried condensed coffee and tea.
- 122905. K. Singh. Folding table.
- 122906. Westinghouse Electric Corporation. Moisture separator and reheater for pressurized vapor.
- 122907. Phillips Petroleum Company. Carbon black drying.
- 122908. Atlantic Richfield Company. Treatment of hydrogen chloride.

122909. Elastogran GmbH. Method of finish machining the shaft neck portion and ball of ball pin blanks.
122910. Lansing Bagnall Limited. Improvements in or relating to industrial lift trucks. (30th August, 1968).
122911. Farbenfabriken Bayer Aktiengesellschaft. Agricultural and horticultural fungicidal composition.
122912. Henry Wiggin & Company Limited. Production of tubular products from metallic powders.
122913. Wanson (India) Pvt. Ltd. Improvements in or relating to heat transfer systems.
122914. Ciba Limited. A new carbonic acid.

## 27th August 1969

122915. K. L. Malhotra, M. Singh and P. N. Mehra. Improvements in or relating to the manufacture of sodium nitrite.
122916. M. S. Gharyal. A bell cum door communicator.
122917. G. R. Gholkar. A device for controlling out put of A.C. appliances.
122918. Shell Internationale Research Maatschappij N. V. Process and apparatus for the separation of solids from a suspension thereof in water by means of agglomeration.
122919. Shell Internationale Research Maatschappij N. V. A process for the crystallization of p-xylene.
122920. A. Braun. Balanced free piston engine.
122921. The Champion Paper Company Ltd. Microcapsular opacifier system.
122922. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of allyl acetate.
122923. Siemens Aktiengesellschaft. A frequency changer.
122924. E. Merck Aktiengesellschaft. N-(thiazolyl-2)-piperazines and their preparation.
122925. S. Blass and I. Blass. Drip level irrigation. (3rd January 1969).
122926. Societe D'appareils De Controle Et D'equiment Des Moteurs S.A.C.E.M. Improvements in or relating to motor bicycles.
122927. Molekularelektronik. Method and circuit arrangement for the production of photomasks comprising repetitive patterns of any desired size arranged within a mask filed which is definitely displaced with respect to a fixed reference point.
122928. M/s. Ajanta Farm Machinery Company. Contour marker.
122929. Minnesota Mining and Manufacturing Company. Clear, virtually colorless polyethylene terephthalate.
122930. Henkel & Cie G.m.b.H. Moulding materials based on epoxide compounds. [Divisional date 23rd August 1968].
122931. Ciba of India Limited. Dyestuffs containing sulfonylamino-carbonyl groups and processes for their manufacture and use.
122932. Ciba of India Limited. Azo dyestuffs, process for their manufacture and their use.
122933. Crompton & Knowles Corporation. Density control for a textile lap former.
122934. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a ceramic, polychrystalline, magnetically anisotropic spinel ferrite body and spinel ferrite body manufactured by this method.
122935. N. V. Philips Gloeilampenfabrieken. Method of manufacturing semiconductor devices and semiconductor devices comprising a plurality of silicon islands.
122936. N. V. Philips Gloeilampenfabrieken. Transistor.
122937. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semiconductor devices. (30th August 1968).

## 28th August 1969

122938. Ruti Machinery Works Ltd. Weaving shuttle.
122939. C. P. S. Panwar. Multipurpose universal vice.
122940. J. M. Patel and P. B. Panchal. A multipurpose grinding mill.
122941. Pilkington Brothers Limited. Improvements in or relating to the manufacture of glass having desired surface characteristics. (30th August 1968).
122942. Hayashibara Company. Process for producing amyloses.
122943. Ciba Limited. Process for the manufacture of new guanlylhydrazones.
122944. Ciba Limited. Process for the manufacture of new guanlylhydrazones.
122945. Crompton & Knowles Corporation. Density measuring apparatus for a textile fibrous mass.
122946. Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co., Ltd.). Air-cooling apparatus for motorcar engine.
122947. Daiichi Selyaku Company Limited. Method of preparing comenic acid and derivatives thereof.
122948. The Dunlop Company Limited. Improvements in or relating to tyre shaping apparatus. (7th September 1968).
122949. E. R. Squibb & Sons, Inc. Dihydrodibenzoxazepines.
122950. Borg-Warner Corporation. Supplemental fuel system.
122951. Esso Research and Engineering Company. Improved feed for iron and steel making.
122952. Chas. Pfizer & Co., Inc. Improved synthesis of arylchlorocarbonyl ketenes. (16th December 1968).
122953. John Wyeth & Brother Limited. Hexahydroazepines. (4th September 1968).
122954. C. A. V. Limited. Fuel injection systems. (6th September 1968).
122955. C. I. S. Rao. Recovery of aromatic oil from aqueous condensate.
122956. C. I. S. Rao. Recovery of oil held in aromatic materials by diffusion.
122957. Mrs. Sushila Jain. An air cooler.

## 29th August 1969

122958. Borg-Warner Corporation. Control circuit.
122959. Svenska Aktiebolaget Bromsregulator. Automatic axially-acting two way slack adjuster for a railway vehicle brake rigging. (14th September 1968).
122960. Fisons Limited. Granular fertilizers. (14th September 1968).
122961. Knapsack Aktiengesellschaft. Process for the manufacture of vinyl acetate.

## Alteration of Date

114793. The claim to priority date 6th March, 1967 has been abandoned and the application dated as of 1st March, 1968, the date of filing in India.
121595. Ante-dated to 24th November, 1967 under Section 5 of the Act.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

109229. Hindustan Lever Limited. Flavour composition. (10th February 1966). Accepted on 27th August 1969.

*A flavour composition comprises (i) at least one fatty acid, (ii) at least one phenol, (iii) and at least one lactone or precursor.*

113054. H. B. Hice. Method of and means for cooking shrimp. Accepted on 25th August 1969.

*A device for preparing shrimp comprising tray-like means, and guide means associated with said means, said guide means engageable with said shrimp to restrain their curling during a cooking operation.*

113196. C. P. Parankusam. A speed control system more particularly for vehicles. Accepted on 16th August 1969.

*Means responsive to the final drive to control the speed of the prime mover where the speed of the said final drive exceeds a predetermined limit.*

113237. Karl Gerlach and Dr.-Ing. Hans Gerlach. Telescopic pit prop. Accepted on 20th August 1969.

*The upper member of which is guided in a passage through the opening at the bottom of the prop lock and has at its lower end one or more stops and longitudinal grooves provided in said passage.*

113296. Chemische Werke Munchen Otto Barlocher G.m.b.H. Production of granular industrial chemicals. (8th December 1966). Accepted on 23rd August 1969.

*Comprises precipitating the substance from a suspension in an aqueous medium at a temperature above 60°C in the presence of a granulating agent consisting of either (a) organic compounds insoluble or difficultly soluble in water and have a softening point below 100°C or (b) conventional plasticisers and/or solvents.*

113317. John Labatt Limited. Milk coagulating enzyme complex and process for preparation thereof. (1st December 1966). Accepted on 25th August 1969.

*Comprises inoculating a medium with a bacterium, allowing growth to take place until a substantial amount of the enzyme complex is produced, and thereafter extracting the enzymes formed and removing, inhibiting or inactivating any alkaline peptidase that is present.*

113416. Chemische Werke Munchen Otto Barlocher G.m.b.H. Process for production of granular products from pulverulent materials. Accepted on 29th August 1969.

*Comprises mixing the pulverulent material with a granulating agent, treating the mixture to melt the granulating agent and then cooling the resultant hot mix to room temperature while under reduced stirring to form granules.*

113418. H. B. Khimji. Improvements in or relating to sampling valves and the like. Accepted on 28th August 1969.

*Plain cylindrical portion of the plunger being equal to the distance from the top end of the body to the lower face of the lower metallic ring, and a shoulder at the lower end of the plunger being touching the lower face of the lower metallic ring.*

113806. Kanegafuchi Boseki Kabushiki Kaisha and Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. Two-component composite filament and a method of producing said filament. Accepted on 22nd August 1969.

*Characterised in that two crimp developing forces which are caused respectively by the difference in shrinkability between the intervened portions and each of separated portions are substantially not antagonized mutually and the surface area formed by said intervened portion is in the range between 2/5 and 3/5 of the total surface area of the filament.*

113880. Poudreries Reunies De Belgique, Societe Anonyme. An improved propellant system. [Addition to No. 108702]. Accepted on 29th August 1969.

*Characterised in that the inorganic oxide is also selected from  $Al_2O_3$  or a combination of  $SiO_2$  and  $Al_2O_3$  or feldspar, kaolin or kaolinite.*

113896. Vsesojuzny nauchno-issledovatel'sky institut po pererabotke nefi, ul. Aviamotornaya. Method for production of lubricating oil. Accepted on 28th August 1969.

*Comprises mixing mineral oil with a mixture of polyhydroxyalkylene glycol type non-ionic compounds acidic alkenylsuccinates, alkylated cresols and polymethylsiloxanes.*

113981. Societe "Fiverel". Improvements relating to pneumatic tyres. Accepted on 29th August 1969.

*Consists at least one layer of hard elastomer, consists of one or more sheets of cable cords, and one layer of the cord of hard elastomer.*

114247. Hindustan Lever Limited. Liquid detergent compositions. Accepted on 27th August 1969.

*Composition comprising 20—90% by wt. of one or more liquid detergent active materials, 1—80% by wt. of one or more anhydrous inorganic builder salts and from 0.1—10% by wt. of an inorganic carrier material.*

114312. Glynwed Screws & Fastenings Limited. A method of making a paint-removing screw and paint-removing screws made by that method. Accepted on 28th August 1969.

*Comprising extruding the end portion of a blank to form a tapered portion terminating in a locating spigot, extruding a groove or grooves at least in the tapered portion, and thread rolling the blank so that the main portion of the blank and the tapered portion are threaded but the spigot is not threaded, a paint removing edge being formed along the groove.*

114321. Amsted Industries Incorporated. High-velocity shearing machine. Accepted on 22nd August 1969.

*Free-piston type ram being mounted with its piston portion in a short cylinder spaced from the dies and openly connected to a ram pressure chamber so that the ram is continuously urged toward the die and by gas pressure in the chamber.*

114665. Forsvarets Fabriksverk. Proximity fuze. Accepted on 21st August 1969.

*Characterised by a high-frequency oscillator having an oscillating circuit including a condenser.*

114687. The Tongaat Sugar Company Limited. Process for the removal of contaminants from sugar juice and sugar thus obtained. Accepted on 22nd August 1969.

*By treating a first fraction of juice to precipitate contaminants including starch, separating juice from precipitate, mixing the separated juice with a second fraction of juice and separating the second precipitate.*

114713. Imperial Chemical Industries Limited. Extruded catalyst composition, Method of producing the same and process of hydrodesulphurisation for hydrocarbon mixtures using said catalyst composition. Accepted on 25th August 1969.

- Comprising alumina, a group IIA metal oxide, a group VIII base metal and a group VIB metal oxide.*
114721. BP Chemicals (U.K.) Limited. An expanded magnesia cement and a method of producing the same. (30th March 1967). Accepted on 26th August 1969.
- Comprises mixing magnesium oxide, magnesium chloride and water, making a foam by entraining a gas.*
114726. American Cyanamid Company. Process for preparing a substantially pure glycolide composition. Accepted on 26th August 1969.
- Comprises subliming partially purified glycolide composition at a temperature of from 75°C to 130°C and under a pressure not greater than 2.5 mm of mercury.*
114769. Institut elektrosvarl Imeni E. O. Patona. A process for the production of metal castings and a plant for effecting same. Accepted on 23rd August 1969.
- Characterized in that remelting is effected with electrode in a fixed position relative to the mould, and slug is added to the slag pool as the electrode melts.*
114792. H. B. Khimji. Improvements in or relating to globe valves or the like. Accepted on 22nd August 1969.
- The valve clack comprises of three circular discs, the central one being made of resilient material, the internal surface of valve seat being of conical shape and of depth greater than total thickness of lower and central discs.*
114793. Imperial Chemical Industries Limited. Ethylene polymerisation. Accepted on 25th August 1969.
- Process for polymerisation of ethylene which comprises contacting with an initiator comprising a 11-alkyl compound of a transition metal of Groups IVA to VIA of the periodic table at a pressure of at least 1000 atmosphere.*
114803. The British Petroleum Company Limited. Synthetic lubricants for aero gas turbines. (20th March 1967). Accepted on 27th August 1969.
- Lubricating composition comprising an ester basestock consisting of a liquid neutral polyester, the basestock having dissolved therein (a) 1.0 to 8.0% wt. of an alkylated aromatic amine antioxidant, (b) 0.005 to 1.5% wt. of a copper passivator, (c) 0.5 to 5.0% wt. of a neutral organic phosphate, (d) 0.005 to 0.5% wt. of a neutral salt of a dialkyl hydrogen phosphate.*
114817. Eastman Kodak Company. Process for the manufacture of acrylonitrile. (28th March 1967). Accepted on 23rd August 1969.
- Process for preparing acrylonitrile in which a mixture of comprising ammonia, oxygen and propylene is contacted with a composition comprising oxidised molybdenum and at least one of oxidised niobium and oxidised tantalum at a temperature from 300 to 500°C.*
114828. Monsanto Company. Herbicidal Emulsifiable Concentrate formulation containing 3', 4'-dichloropropionanilide. Accepted on 23rd August 1969.
- Herbicidal emulsifiable concentrate formulation containing a mestyl oxide solution of 3', 4'-dichloropropionanilide and compatible emulsifiers.*
114848. Ciba Limited. New monoazo pigments and processes for their manufacture and use. Accepted on 23rd August 1969.
- Process for the manufacture of monoazo pigments which comprises of coupling a diazo or diazoamino compound of an amine with an appropriate naphthol.*
114868. Council of Scientific and Industrial Research. Improvements in or relating to electrodeposition of iron-chromium alloy deposits. Accepted on 27th August 1969.
- Process for electro-deposition of iron-chromium alloy which consists in electrolysing an aqueous solution of sulphates of chromium, iron, complexing agent using platinum or stainless steel as anode copper, brass etc. as cathode operating at current densities between 5—28 amp/dm<sup>2</sup>, at temperatures between 25—40°C.*
114955. The Dunlop Company Limited. A package for use in compounding natural or synthetic rubber materials and natural or synthetic rubber when compounded by means of such package. Accepted on 27th August 1969.
- Package for use in compounding of rubber materials which package is produced from a composition which comprises at least 50 per cent of at least trans-polydiene.*
115144. The British Petroleum Company Limited. Manufacture of lubricating compositions. (7th April 1967). Accepted on 28th August 1969.
- Grinding a mixture of solid lubricant and a grinding liquid, passing through a magnetic filter and blending the slurry with a mineral oil.*
115187. Knapsack Aktiengesellschaft. Process for the manufacture of carboxylic acids and unsaturated esters of carboxylic acids. Accepted on 27th August 1969.
- Process for manufacture of carboxylic acids and unsaturated esters of carboxylic acids which comprises reacting anolefinic compound in the presence of an aldehyde and a carboxylic acids each containing 2 to 20 carbon atoms with molecular oxygen or air in the gas phase in contact with a palladium-containing carrier catalyst at temperatures between 120 and 250°C.*
115278. Draftex GMBH. Window guides for vehicles. Accepted on 25th August 1969.
- A window guide for vehicles, comprising a plastic or rubber U-sectional member surrounding a metal reinforcement and having a soft, resilient lining on the internal or base surfaces.*
115697. Albiswerkzurich A. G. Improvements in or relating to cathoderay beam-suppression circuit arrangements. (29th February 1968). Accepted on 29th August 1969.
- Comprises a storage capacitor connected via a resistor, a transformer and monostable multivibrator.*
116071. Sandoz Ltd. Water soluble, copper containing reactive dyes. Accepted on 28th August 1969.
- Process for the production of water-soluble copper containing reactive dyes which comprises coupling the diazo compound of an amine with a copper-containing dye.*
116122. Gould National Batteries Inc. Method of making a porous retaining membrane for the active material of a lead-acid storage battery positive plate. Accepted on 28th August 1969.
- Comprises providing a porous tubular fabric containing solvent susceptible synthetic organic polymer and having parallel pockets and subjecting to a solvent to rigidify the fabric and removing the solvent.*
116215. P. M. D. Christopher. An improved mode of propulsion with muscle power as motive force. Accepted on 29th August 1969.
- Comprises a pair of ratchet wheels or free wheels a tie rod on the hub or axle of the wheel a pedal suspended from the end of each tie rods.*
116217. Veb Chemiefaserwerk Schwarz "Wilhelm Pieck". Method for removal of titanic oxide from waste products of synthetic high polymers. Accepted on 25th August 1969.
- Filtering is carried out with the help of kieselsol and/or asbestos plate as filter aids.*
116360. The Carborundum Company. Process for refining steel. Accepted on 28th August 1969.

*Addition of 1 part silicon carbide for at least every 10 parts of ferrous scrap in excess of the amount of scrap required to keep said process thermally balanced.*

116364. G. K. N. Screws & Fasteners Limited. Tool for driving self-tapping screws. (7th October 1967). Accepted on 26th August 1969.

*A tool for driving self tapping screws into sheet metal work-pieces, for example the securing of two or more metal sheets together, or the securing of a component part to a metal sheet.*

116388. United States Pipe and Foundry Company. Improvements in or relating to a core for forming cylindrical articles. Accepted on 25th August 1969.

*Core comprising a cylindrical mandrel and a separate ring mounted on the mandrel said ring being formed of interlocked segments which cannot be moved either radially inwardly or outwardly while the ring is mounted on said mandrel but which can be moved individually.*

116405. N. V. Philips Gloeilampenfabrieken. Photosensitive device. Accepted on 29th August 1969.

*Characterized in that the electrodes to which a connection conductor is secured are provided on one side of the stratified body.*

116515. Sandoz Ltd. Concentrated, liquid dye preparations. Accepted on 27th August 1969.

*Concentrated, liquid preparations of metal-free direct dyes of the azo-series, each containing 1 part by weight of dye, 1 to 8 parts by weight of water and 0.5 to 5 parts by weight of an acid amide.*

116618. Republic Steel Corporation. Process for converting phosphate rock to fertilizer. Accepted on 23rd August 1969.

*Comprising the steps of (a) treating calcium phosphate rock in finely divided form with a mixture comprising an acidic aqueous solution of magnesium sulphate at a temperature 170°C and at a pressure of at least the ambient pressure at the temperature being used, for a period of at least 20 minutes, and (b) separating the solid reaction product.*

116701. N. V. Philips Gloeilampenfabrieken. Device for feeding and igniting a gas—and/or vapour-discharge lamp by a high frequency voltage. Accepted on 25th August 1969.

*With the switching element shunting a second series—combination of at least first capacitor and first inductor, two branches including first capacitor and semiconductor switching element respectively provided in parallel with discharge lamps, and control circuit of controlled switching element making the switching element conducting some time after it has been cut-off.*

116713. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Welding gear for objects of thermoplastic material. Accepted on 29th August 1969.

*A welding gear comprising a spout, a supply connection for welding material and at the leading end of the spout, a nose projecting into the welding gap.*

116714. Y. Chiba. Method of forming the spherically swollen headed terminal structures of the separable fastening device on a cloth. Accepted on 22nd August 1969.

*A liquid layer is formed on the surface of a base fabric among piled filaments formed by weaving a plastic filament in loop form into said fabric followed by loop cutting and the terminal structures of piled filaments are heated.*

116785. G. Katsumura. Container train for transportation by water. Accepted on 29th August 1969.

*Comprises an engine boat, a plurality of container units the boat being of bi-hull type, connecting means, provided at the centre thereof.*

117043. R. N. Shah. Improvements in or relating to mats or like coverings. Accepted on 25th August 1969.

*Comprises a frame member formed by a number of rods, a series of link members each of which has pivoted notions of two ends thereof, a plurality of cut matting pieces, each inter connected row of the frame member holding the cut matting pieces.*

117195. O. B. Rasmussen. A process for the production of fibres and yarn. (9th August 1967). Accepted on 28th August 1969.

*Extruding continuous sheet composed of a plurality of materials in a sandwich-like arrangement having its layers extending in the longitudinal direction of the sheet and parallel to the flat dimension of the latter, and longitudinally subdividing said sheet in the extrusion device into strips having their longer cross sectional dimension at an angle to said layers.*

117351. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of ammonium sulphate by the gypsum method. Accepted on 26th August 1969.

*Comprises reacting calcium sulphate with an aqueous solution of ammonium carbonate, separating the calcium carbonate formed, acidifying the crude ammonium sulphate solution, evaporating the solution and separating the crystallised ammonium sulphate.*

117402. Council of Scientific and Industrial Research. A self powered mechanical salt harvester. Accepted on 26th August 1969.

*A self-powered mechanical salt harvester which operates on the principle that a knife-edge blade which when moving in a direction perpendicular to the edge, cuts a layer of salt of thickness equal to the depth to which the blade edge has been lowered.*

117507. M. Krishnan. Improvements in or relating to signalling devices. Accepted on 26th August 1969.

*Comprises a multivibrator transistor circuit deriving power from a direct current source, a photo cell partially enclosed by a hood, photo-cell being provided on the input side of the transistor circuit, and visible or audible signalling means connected to at least one of the transistors in the said transistor circuit.*

117526. Central Glass Co., Ltd. Process for producing mixed nitrates and nitrosyl chloride. Accepted on 29th August 1969.

*Comprises reacting an intimate mixture of finely divided solid potassium and ammonium chloride (KCl : NH<sub>4</sub>Cl weight ratio from 97:3 to 5:95) and 0.5 to 8% of water based on the total chloride with atleast stoichiometric quantity of Nitrogen dioxide at 0°-60°C.*

117554. National Institute of Design. Type founts bearing devanagari characters. Accepted on 25th August 1969.

*Characters are of uniform thickness throughout the formation of the body and the free ends of the characters terminate in a straight line thereby eliminating taperings.*

117706. J. D. Lakhani. Neck-rest for automobile seats and the like. Accepted on 23rd August 1969.

*Wherein the front surface of the neck rest is arched along its longer axis so as to form a curved surface, said neck rest is fastened to the back rest of an automobile seat by means of pair of articulated clips.*

117752. John Heathcoat and Company Limited. Yarn crinkling machine. (20th September 1967). [Addition to No. 100363]. Accepted on 25th August 1969.

*The sinker elements and spaces between sinker blocks are inclined to face towards the direction from which cam means engage the sinker elements.*

117877. Sandoz Ltd. Dye preparations. Accepted on 23rd August 1969.

*Containing one metallized dye of the azo or azomethine series and monopropanole amine or an amthiothiole.*

117916. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Improvements in or relating to fuel-injection internal-combustion engines. Accepted on 23rd August 1969.

*An ignition system which, while consisting of simple means perfectly reliably ignites the mixture in the entire operating range, from starting, through idling, to full load.*

117955. Veb Farbenfabrik Wolfen. Pesticidal compositions with a depot action. (13th September 1968). Accepted on 28th August 1969.

*Comprising as active material one phosphoric acid derivative.*

118290. Pneumodynamics Corporation. Machine tool. Accepted on 23rd August 1969.

*An automatic type of machine tool which combines many of the advantages inherent in both of the machines known as single spindle and multiple spindle automatic.*

118318. Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel En Verkeer. Improvements in or relating to pouring blocks. Accepted on 29th August 1969.

*A conical chamber above a co-axial discharge opening and at least one feed channel for the said melt, which channel opens out at about the middle of the conical chamber tangentially into the chamber.*

118431. V. D. Roosa. Fuel dispensing apparatus. Accepted on 25th August 1969.

*A fuel supply apparatus including means for readily and easily shaping the maximum fuel delivery at different engine speeds independent of the other features of the apparatus.*

118483. Miles Laboratories, Inc. Reflectance meter. Accepted on 25th August 1969.

*Comprising a light source, a reference circuit, means for supporting a member having a coloured surface, a measuring circuit, an indicating meter and a power source to provide electrical power.*

118746. Sumitomo Chemical Co., Ltd. Improvements in or relating to N-(3, 5-dichlorophenyl) cyclic imide derivatives. Accepted on 28th August 1969.

*Comprises reacting 3, 5-dichloroaniline with maleic or succinic anhydride.*

118848. Bata Shoe Company of Canada Ltd. Method and apparatus for the injection molding of articles made of plastic, especially footwear. (5th December 1967). Accepted on 26th August 1969.

*Sole moulding apparatus for the articles made of plastic, specially footwear, in which provision is made for injection moulding soles or parts thereof of different kinds or different colored plastic to shoe supports.*

118839. Eaton Yale & Towne Inc. Automatic brake adjusting mechanism. Accepted on 22nd August 1969.

*Comprising a lever adapted to be mounted on the camshaft, a link pivotally connected to the lever and adapted to be connected to the reciprocable power source and means associated with said lever and link for advancing camshaft.*

118869. G. Giori. Machine for multicolour-intaglio printing in particular for the printing of commercial paper and bank notes. Accepted on 23rd August 1969.

*A multicolour intaglio printing machine particularly for the making of commercial papers and bank notes having at least one printing plate, a number of inking devices corresponding to the number of different colours to be printed, at least one wiping cylinder and a pressure cylinder.*

119004. C. A. V. Limited. Liquid fuel injection nozzle units. (14th December 1967). [Addition to No. 115708]. Accepted on 26th August 1969.

*A fuel injection nozzle unit to be mounted on an internal combustion engine for directing fuel into a combustion space and of the engine.*

119153. Nosoph Lucas (Industries) Limited. Lighting systems for road vehicles. (1st January 1968). Accepted on 25th August 1969.

*Comprises a light source and associated lens, a mask having therein an aperture, focussing means, a shutter movable from a rest position across the aperture, a winding secured to the shutter and means for producing a magnetic field.*

119476. Westinghouse Electric Corporation. Improved resin encapsulated semiconductor device. Accepted on 29th August 1969.

*Comprises a wafer, having parallel top bottom surfaces, side walls, a p-n junction disposed therein in a region of second type and a body of cured resin.*

119489. E.P.S. (Research & Development) Limited. Improvements in or relating to strip fasteners. (1st February 1968). Accepted on 22nd August 1969.

*A pair of spaced-apart barbed fingers which with the groove form a jaw which is dimensioned to receive a barbed rib strip, at least one of the fingers being movable from a position in which the rib of the male element may be easily introduced.*

119578. Joseph Lucas (Industries) Limited. Vehicle lamp adjusters. (2nd February 1968). Accepted on 23rd August 1969.

*A means for permitting adjustment of vehicle lamps to take place, applied to lamp assemblies comprising a support structure formed on a vehicle, a mounting member adjustably connected to the support structure and a lamp proper mounted on the mounting member.*

119762. Universal Graders Limited. Improvements in or relating to grading machines. (12th February 1968). Accepted on 23rd August 1969.

*An improved form of machine for ground treatment, which is economic to produce relatively simple to operate and whose treatment tool can be readily aryled and steered independently of a power unit for moving the machine when the machine is not self driven.*

120171. The English Electric Company Limited. Water turbines and pumps (5th March 1968). Accepted on 25th August 1969.

*A sealing means provided for reducing the rate of escape of water under pressure from the water blow duct of water turbine and pump between opposing stationary and rotating parts thereof.*

120502. B. Porepp. Slide fastener with continuous link rows made of a string of plastic material. Accepted on 23rd August 1969.

*A slide fastener which prevents the tilting possibility of the link rows about a longitudinal axis, and improve the safety against unintended breakage of the coupling of the slide fastener.*

121595, BP Chemicals (U.K.) Limited. Inhibition of mould growth on crops. [Divisional date 24th November 1967]. Accepted on 25th August 1969.

*Comprises treating the crop or feedstuff with formic acid or acetic acid or a binary or ternary mixture of formic, acetic and propionic acids.*

#### Patents Sealed

102440, 102528, 102529, 102536, 102554, 102636, 102761, 102941, 103022, 103602, 104703, 105930, 106402, 109186, 109348, 109839, 110329, 110561, 110686, 110942, 110982, 111310, 111409, 111921, 111962, 112057, 112064, 112458, 113050, 113460, 113461, 113549, 113599, 113793, 114431, 114507, 114516, 115528, 115573, 116625.

#### Amendment Proceedings

##### (1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Rohm & Haas Company, a corporation organised under the laws of the State of Delaware, United States of America, of 222 West Washington Square, Philadelphia 5, Pennsylvania, United States of America, seek leave to amend the description and claims in the specification in respect of the patent No. 95004. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

##### (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that L. Givaudan & Cie S. A., Chemical Manufacturers, of Vernier-Geneve, Switzerland, a Swiss Company, seek leave to amend the description and claims in the specification of patent No. 101542. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Registration of Assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases the number of each case is followed by the names of the parties claiming interests :—

94805	M/s. Koppers Company, Inc.
99020	
102113	
103213	
70764	— M/s. Yoshida Kogyo Kabushiki Kaisha.
101973	— M/s. Indian Oxygen Limited.
94849	— M/s. Denys Fisher Group Limited.
72408	National Research Development Corporation of India.
85447	
96017	
96606	
96709	
99523	
99768	
101628	
101924	M/s. Delhi Cloth And General Mills Company Limited.
104970	

#### Renewal Fees Paid

52610, 52611, 52612, 52613, 52614, 52679, 52688, 52862, 52930, 53123, 53461, 55086, 55396, 55458, 55525, 55582, 55592, 55655, 55743, 55750, 56306, 58212, 58370, 58450, 58699, 58964, 58972, 61357, 61490, 61614, 61651, 61663, 61692, 61821, 61834, 61865, 62148, 62368, 64661, 65012, 65122, 65167, 65253, 65254, 65260, 65277, 65306, 65361, 65362, 65492, 65521, 65560, 65628, 65867, 67172, 67185, 67985, 68219, 68350, 68759, 68897, 68972, 69008, 69022, 69027, 69061, 69090, 69091, 69092, 69093, 69094, 69122, 69147, 69291, 69292, 69350, 69444, 69474, 69499, 69802, 69962, 69963, 70034, 70200, 70301, 72522, 73203, 73219, 73302, 73313, 73356, 73357, 73370, 73407, 73420, 73430, 73509, 73542, 73581, 73647, 73687, 73704, 73791, 73928, 74029, 74374, 74961, 78022, 78146, 78235, 78314, 78322, 78336, 78380, 78436, 78439, 78455, 78486, 78504, 78563, 78568, 78633, 78635, 78662, 78695, 78749, 78793, 78852, 79111, 79419, 79485, 80635, 80636, 80637, 80638, 80639, 80640, 80641, 80642, 82117, 83708, 83820, 83947, 83978, 83986, 84028, 84043, 84053, 84203, 84232, 84233, 84245, 84257, 84286, 84287, 84295, 84298, 84330, 84331, 84350, 84353, 84428, 84526, 84559, 84726, 84765, 85341, 85737, 89404, 89698, 89733, 89745, 89760, 89794, 89816, 89825, 89844, 89849, 89909, 89941, 89942, 89955, 89957, 89977, 89987, 90015, 90031, 90064, 90127, 90173, 90189, 90307, 90345, 90390, 90455, 90527, 90541, 90560, 90627, 93237, 93281, 94053, 95031, 95427, 95428, 95450, 95460, 95468, 95482, 95487, 95561, 95606, 95636, 95637, 95661, 95697, 95698, 95747, 95759, 95774, 95780, 95888, 95889, 95890, 95904, 95953, 95998, 96014, 96040, 96097, 96174, 96223, 96268, 96305, 96399, 96467, 96481, 96594, 96822, 98062, 99799, 99860, 100035, 101027, 101093, 101278, 101332, 101345, 101411, 101416, 101426, 101429, 101441, 101454, 101455, 101471, 101512, 101518, 101523, 101525, 101554, 101574, 101600, 101617, 101635, 101636, 101670, 101675, 101711, 101729, 101755, 101765, 101871, 101875, 101885, 102058, 102108, 102228, 102229, 102267, 102738, 102767, 103001, 105720, 106959, 107067, 107084, 107173, 107260, 107261, 107398, 107549, 107618.

#### Cessation of Patents

65001, 65002, 65004, 65028, 65029, 65030, 65031, 65040, 90024, 90025, 90026, 90027, 93034, 93036, 93038, 93039, 98430.

#### Restoration Proceedings

##### (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 93967—Mohanlal Chakubhal.

The patent ceased on the 29th May 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 5th October 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 25th October 1969.

##### (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 94604—Andre Roche.

The patent ceased on the 7th July 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 16th August 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs

Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 25th October 1969.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 94544—Impex Industries.

The patent ceased on 4th July 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 10th May 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 25th October 1969.

(4)

An order has been made on the 14th August 1969, restoring the patent No. 61678 dated as of the 9th September 1957, granted to Vincent Jeyam Emmanuel for "improvements in or relating to a device for feeding chlorine to a water supply".

(5)

An order has been made on the 4th July 1969, restoring the patent No. 71382 dated as of the 8th April 1960, granted to Jal Nadirshaw Vazifdar for "pencil sharpeners".

(6)

An order has been made on the 6th August 1969, restoring the patent No. 72635, dated as of the 20th July 1960, granted to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning for "process for the manufacture of chlorine dioxide".

(7)

An order has been made on the 19th August 1969, restoring the patent No. 90444 dated as of the 22nd October 1963, granted to Formica Corporation for "resins and laminates produced therefrom".

(8)

An order has been made on the 12th August 1969 restoring the original patent No. 101169 dated as of the 21st August 1964, along with the patent of addition to the said patent numbered 110631 dated as of the 7th May 1965 granted to the British Iron and Steel Research Association for "preheating and refining apparatus and process for preheating furnace charge" & "improvements in or relating to preheating and refining apparatus" respectively.

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 135847. T. C. C. Appliances Corporation, Indian firm, Bombay Mutual Annexe, 2nd Floor, Gunbow Street, Fort, Bombay-1, Maharashtra, "Coffee percolator", May 23, 1969.

Class 1. No. 135850. Livinder Singh, 8-Hailey Road, New Delhi (India), British Subject, "An electric lamp", May 24, 1969.

Class 1. No. 135864. M. R. Jain Brothers, 2-E/19, Jhandewala Extension, New Delhi-55 (India), Indian Partnership firm, "Domestic espresso coffee machine", May 30, 1969.

Class 3. No. 135613. Goel Plastic Industries, an Indian Partnership Firm, 6/2, Singh Sabha Road, Sakinagar, Delhi-7, India "Sole for foot-wears", April 9, 1969.

Class 3. Nos. 135958 and 135959. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", June 19, 1969.

Class 3. No. 135964. Ravi Prakash an Indian National, C/o General Plastics, 8, Tamarind Lane, Bombay-1, State of Maharashtra, India, "A container", June 20, 1969.

Class 10. No. 135614. Goel Plastic Industries, an Indian Partnership Firm, 6/2, Singh Sabha Road, Sakinagar, Delhi-7, India, "Foot-wears", April 9, 1969.

### Copyright Extended for a Second Period of Five Years.

Design Nos. 122137 and 122138 Class—1.

Design Nos. 121020 and 121597 Class—4.

S. VEDARAMAN,

Controller General of Patents, Designs and Trade Marks.